

GOODWIN & PROCTER

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It is possible to use the `getopt()` function to implement an option parser at the command line.

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Application Serial No.: 08/449,097
Attorney Docket No.: PMC-503 C48

Examiner Michael J. Moore, Jr.

DRUGS SUSPENDED AND ADDED

J. G. Soper et al.

2. (Previously presented) A method of processing signals at a receiver station, said receiver station having a plurality of processors, said method comprising the steps of:

receiving an information transmission including a digital television signal and a message stream;

detecting said message stream by said information transmission;

selecting at least one message of said detected message stream;

imposing at least a first portion of said selected at least one message to a control processor;

selecting control information in said imposed first portion of said selected at least one message;

selecting and controlling under the control of said control processor, other portions of said message stream by said plurality of processors, based on said control information;

processing said selected other portions of said message stream simultaneously at said plurality of processors;

controlling the timing of communicating television programming in accordance with said message stream; and

storing information evidencing the availability, use or usage of said television programming, or said message stream.

Application Serial No.: 08/448,057
Attorney Docket No.: PMT-093-048

Draft Proposed Amendment

3. (Previously presented) A method of processing signals at a receiver station, said receiver station having a plurality of processors, said plurality of processors including a first local processor which controls a remainder of said plurality of processors based on a message stream, said method comprising the steps of:

receiving an information transmission including a message stream at a transmission station; generating a control portion of said message stream at said transmission station, that is effective at a receiver station to cause said first controller to select portions of said message stream that control said second processor and said remainder of said plurality of processors to perform different functions comprising (i) processing television programming and (ii) controlling the viewing of and participating in said television programming; and

4. (Previously recorded) A method of processing signals in a network, comprising the steps

receiving an information transmission to be transmitted, receiving an instance signal which is effective to encode

reference of a transmitters station to generate at least a first message that is addressed to enable a receiver station to control the reception or presentation of television programming, select and control portions of said information transmission to a plurality of processes at said receiver station based on control information in said first message, address said portions of said information transmission simultaneously at said plurality of processes and monitor the availability, use or usage of said television programming or said at least a first message; and

Application Serial No.: 08/646,057
Attorney Docket No.: PML-002-CAS

Draft Proprietary Amendment

(b) effect a first receiver station to generate at least a first message that is effective to
enable a second receiver station to control the reception or presentation of television
programming and/or to control the availability and usage of said television
programming and at least a first message
involving a broadcast control signal which operates at one of said transmitter station and
said first receiver station to communicate said at least a first message to a transmitter; and
transmitting said information transmission, and said broadcast control signal and said transmitter
control signal later message.

5. (Previously presented) The method of claim 3, further comprising the step of programming
said control processor to execute a controlled function in response to said at least one message.

6. (Previously considered) The method of claim 5, further comprising the step of programming
said control processor to compare information stored in at least a first element of local or global
memory with content information involving information,

7. (Currently amended) The method of claim 5, further comprising the step of programming
said control processor to compare indications stored in at least a second element of local or global
memory with information that identifies a length or format of at least a portion of said at least one
message

8. (Currently amended) The method of claim 2, wherein said at least one register memory
includes an input signal register memory and said step of selecting content information in said-

Application Serial No.: 08/446,087
Attorney Docket No.: PMG-005 946

Direct Proposed Amendment

instructions that provide for selecting at least one message and communicating said selected message to a plurality of memory locations comprising further comprising the step of communicating with at least a first portion of said selected at least one message to said input general register memory;

selecting information at said input signal register memory to compare or communicate; and communicating said control information to at least a second of said at least two register memories.

2. (Previously presented) The method of claim 1, further comprising the step of communicating at least one of said other portions of said message stored in said input signal register memory.

13. (Previously presented) The method of claim 2, further comprising the step of controlling a switch to output at least one of said selected other portions of said message segment to a specific one of said plurality of transmitters.

11. (Previously presented) The method of claim 10, further comprising the step of controlling said switch to communicate said at least one of said selected other portions of said message stream, since at least one of (1) said control processor and (2) a buffer that inputs to said control processor,

12. (Previously presented). The method of claim 10, wherein said switch supports said at least one of said selected fiber positions to said position of extension.

Application Serial No.: 08/444,067
Attorney Docket No.: PMS-003-048

Draft Proposed Amendment

(3. Previously presented) The method of claim 10, wherein said switch connects said at least one of said selected other portions to at least one of a signal processor and a central processor.

14. (Previously presented) The method of claim 16, further comprising the step of precontrolling said content processor to control said switch based on information included in said message structure.

15. (Previously amended) The method of claim 14, further comprising the steps of: programming said control processor with comparison information to serve as a basis for determining the length or format of said at least one segment message of said message stream;

programmable read control processes to compare information stored at said at least one register memory to said corresponding information.

16. (Previously presented) The method of claim 14, wherein said coated proximate and said switch are located on a single microchip.

17. (Previously presented) The method of claim 2, wherein said control processor receives said at least a first portion of said message from a first of said plurality of processors and controls outputting to a second of said plurality of processors.

18. (Currently amended) The method of claim 17, wherein said said reading processor performs at least one of (i) converting information denoted in said message segment based on precedents and (ii) associating processor and based on information denoted in said message segment.

Application Serial No. 06/443,087
Attorney Docket No. PNC-003-C-98

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said message method further comprising the step of commanding machine language code to said second processor to said selected other portions of said message stream.

13. (Previously presented) The method of claim 2, wherein a decryptor decrypts at least some of said message stream, said method further comprising the step of supporting one or more of said rejected other portions of said message stream to said decryptor.

20. (Previously presented) The method of claim 19, further comprising the steps of selecting at least a portion of said message wherein said controlling said memory in accordance with said selected at least a portion of said message wherein.

21. (Previously presented) The method of claim 20, wherein said selected at least a portion of said message block comprises a decryption key.

22. Previously prosecute the method of claim 21, further comprising the step of decrypting a least some of said digital television signal in accordance with said decryption key.

23. (Previously numbered) The method of claim 12, further comprising the steps of:
storing a decrypted portion of said at least one of said message segments in successive all-of-space
register areas of register memory; and
processing decrypted portions of said message streams simultaneously.

Application Serial No. 08/948,097
Attorney Docket No. P1002-0003-048

Draft Proposed Amendment

24. (Previously presented) The method of claim 23, further comprising the step of decrytting
processor code included in said message stream.

25. (Previously presented) The method of claim 2, wherein a standard informs said receiver
station of a signal to be processed, said method further comprising the step of evaluating at least
some of said selected at least one message based on said standard.

26. (Currently amended) The method of claim 25, wherein further comprising the step of
a) scoring at least a portion of said standard or one or more of a Standard Word and a Standard
Length memory; and

programming said receiver station to compare data received in said information transmitted
to information included in said one or more of a Standard Word and a Standard Length memory.

27. (Currently amended) The method of claim 25, wherein said receiver supplies identifiers,
based on said standard, one of (i) an end of a prefix message and (ii) a header in said selected at least
one message.

28. (Previously presented) The method of claim 25, further comprising the step of causing
said control processes to process an interrupt signal based on said standard.

29. (Previously presented) The method of claim 2, further comprising the step of
programming said receiver station to communicate a processor interrupt signal to at least one of said
 plurality of processors.

Application Serial No.: 08/449,097
Attorney Docket No.: PNC-003-048

Draft Proposed Amendment

36. Previously presumed) The method of claim 25, wherein two or more of said plurality of processors are adapted to communicate in response to processor interrupt signals, said method further comprising the step of programming said receiver station to select at least one of said own or those processors in particular.

3A. (Cancelled)

32. (Previously presented) The method of claim 2, wherein said receiver station includes a video monitor and a fleet of said plurality of preprocessors generates a video signal to be displayed as part of said television programming, said method further comprising the step of directing to said first processor a list of said selected other portions of said message streams which causes said first processor to regenerate said video signal to said video monitor.

53. (Previously amended) The method of claim 12, wherein said television studio includes a speaker and a means of said plurality of processors generating an audio signal including music to be emitted as part of said television programming, said method further comprising the step of connecting to said second processor a means of said selected other portions of said message, thereby which causes when said second processor to communicate said audio signal to said speaker.

34. (Previously presented) The method of claim 33, wherein said receiver station includes one or more of a tuner and a portion receiver and a third of said plurality of receptors is accepted to control said one or more of a tuner and a portion receiver, said method further comprising the step of

Application Serial No.: 08/446,097
Attorney Docket No.: PMG-008 148

Draft Proposal Amendment

programming said third processor to control said one or more of a device and a processor connected thereto to information included in said selected other portions of said message stream.

33. (Previously amended) The method of claim 2, wherein at least one of said selected other portions of said message stream includes first processor code that controls at least one of said plurality of processors to generate information content of one or more video or audio signals, said method further comprising the steps of:

reducing second processor code included in said selected at least one message; and
monitoring said first processor code in accordance with said second processor code

35. (Previously amended) The method of claim 33, wherein said second processor code programs said control processor to select certain information in said message stream and noncommunicate said selected control information to said at least one register memory, said method further comprising the step of processing control information of a new configuration and/or length in accordance with said second processor code.

37 to 40. (Cancelled)

41. (Previously presented) The method of claim 3, further comprising the steps of:
generating a first instruction specifying a control function to be executed;
generating a second instruction specifying a data structure, length, or format;
organizing said first and second instructions in a sequence; and segmenting nonoptimal segments; and

Application Serial No.: 06/646,067
Attorney Docket No.: PMG-903 Q48

Start Proposed Amendment

contingent upon a signal generator codebook information which operates at said receiver station to select a portion of at least one message of said message stream.

42. (Previously presented) The method of claim 41, further comprising the steps of: processing data specifying a condition which would exist at said weather station, and including said data specifying a condition in said corrected.

43 to 46. (Cancelled)

47. (Currently bracketed) The method of claim 41, further comprising the step of determining a restriction which operates at said receiver stage to control at least one of said plurality of processes which can select a second process to be implemented.

48. (Inclined) The method of claim 3, further comprising the steps of:
selecting at least some of said television programming at said transmission station;
selecting meter-monitor data; and
organizing said message stream to include said selected at least some of said television
programming and said selected meter-monitor data.

49 to 53 - (DwellerB63)

36. (Previously presented) A method of processing signals in a television receiver, said television receiver having a plurality of converters, said method comprising the steps of:

Application Serial No.: 00/448,097
Attorney Docket No.: PMC-008-048

Draft Proposed Amendment

concerning an information transmission including digital television signals and a message stream;

detecting said message stream in said information transmission;

inputting at least a first portion of said message stream to a control processor;

selecting control information to said at least a first portion of said message stream and
communicating said selected control information to at least one register memory;

comparing control function invoking data to the number of said at least one register memory;

inputting said digital television signals to said plurality of processors on the basis of one or
more matches;

processing of said digital television signals simultaneously at two or more of said plurality of
processors; and

displaying television programming included in said digital television signals.

57. (Currently Amended) A method of television or video signal processing at a television or
video receiver, said television or video receiver having a plurality of processors, comprising the
steps of:

(a) receiving an information transmission, said information transmission including a message
stream;

(b) receiving a control signal which operates at a transmitter station to communicate said
information transmission to a receiver; and

(c) receiving said message stream, said message stream enabling said receiver station to
select control information in said message stream, compare said control information to a second
selection invoking station, input selected digital television or digital video signals to said plurality of
processors on the basis of one or more matches of said signal information to said second selection.

Application Serial No.: 08/449,097
Attorney Docket No.: PMG-003-048

Draft Proposed Amendments

imaging data, simultaneously process said selected digital television or digital video signals in two or more of said plurality of processors, and display television programming or video information included in said selected digital television or digital video signals on the basis of said processed and modified information to said user for viewing data.

58. (Currently unnumbered) A method of television or video signal processing at a television or video receiver, said television or video receiver having a plurality of processors, comprising the steps of:

By receiving an information transmission including a message stream, and
By causing said message stream to be communicated to a transmitter at a specific time,
thereby to transmit said message stream, said message stream enabling said receiver station to select
certain information in said message stream, compare said content information to a stored function
involving data, issue selected digital television or digital video signals to said plurality of
processors on the basis of one more number of said content information to said stored function,
involve said, simultaneously receive said selected digital television or digital video signals or feed
or issue of said plurality of processors, and display television programming or video information
included in selected digital television or digital video signals on the basis of said comparison of said
content information to said stored function including data.

59 (Previously proposed) The method of claim 38, wherein said information from missing is
determined using forward count extraction techniques.

Application Serial No. 08/448,037
Attorney Docket No.: FMO-503 C48

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80. (Previously presented) The method of claim 56, further comprising the step of programming said control processor to execute a controlled function in response to said message steps.

6). (Previously presented) The method of claim 56, further comprising the step of programming said control processor to compare information stored at said at least one register memory to said stored function mapping data.

62. (Previously presented) The method of claim 58, further comprising the step of programming said control processor to incorporate information stored at said at least one register memory with information that specifies a composition of said pressure source.

63. (Previously presented) The method of claim 56, wherein said step of collecting said information in said at least a first portion of said message stream and incorporating said selected control information in at least one register memory includes:

communicating said central information to a first part of said signal processing register memory.

communicating said control information to a second port of said at least one register memory.

63. Previously presented: The testbed of claim 63; further comprising: the step of monitoring a digital switch on the basis of said one or more particles.

65. ~~Formerly amended~~ The method of claim 56, wherein said a digital switch comprises at least some of said digital television signals in said plenum of connectors, and

Application Serial No. 06/443,037
Attorney Docket No. PMAO-003-C40

Draft Proposed Amendment

method further comprising the step of countermeasuring said at least one of said message-carrying digital television signals from said at least one register memory to at least one of said digital switch and a second one of said plurality of processes.

66. (Previously presented) The method of claim 56, wherein said control processor receives said at least a first portion of said message stream from a first of said plurality of processors, said method further comprising the step of retransmitting at least a second portion of said message stream to a second of said plurality of processors.

67. (Previously numbered) A method of processing signals of a television station, said receiver comprising a video monitor and a plurality of processors, said method comprising the steps of:
receiving an information transmission including digital video signals and control information;

detecting valid normal implementation in valid reinforcement transmission and passing valid boundary implementation in a control successor;

communicating said control information selectively to at least one register memory;
comparing stored function matching data in the contents of said at least one register memory;
communicating said digital video signals to at least one of said plurality of processes on the
basis of one or more matches;

processing and digital video signals simultaneously at high or low rates of speed, plurality of processors; and

displaying video included in said digital video signals.

Application Filing No : 09/946,097
Attorney Docket No : PMS-DUE-C-98

Draft Proposed Amendment

58. (Previously presented) The method of claim 57, wherein said video includes television programming.

59. (Previously presented) The method of claim 57, wherein said control information is detected in a message stream, said method further comprising the step of concatenating at least some of said message stream from a first of said plurality of processors.

60. (Previously presented) The method of claim 57, wherein said control processor receives said control information from a first of said plurality of processors, and method further comprising the step of concatenating said control information to a second of said plurality of processors.

71. (Currently amended) The method of claim 50, wherein said first processor performs one of (1) converting information detected in said message stream into machine readable format based on protocols and (2) assembling processor code based on data detected in at least a first portion of said information transmission, said message stream further comprising the step of concatenating machine language code to said second processor based on data detected in at least a second portion of said information transmission.

72. (Previously presented) A method of processing signals in a television receiver, said television receiver having a plurality of processors, said method comprising the steps of:
receiving an interactive transmission including digital television signals and certain information;
detecting and passing said certain information to a control processor;
concatenating said certain information selectively to at least one register memory;

Application Serial No.: 08/439,597
Attorney Docket No.: PWC-003-C4B

Draft Proposed Amendment

comprising stored communication control information to the content of said at least one register memory;

downconverting said digital television signals to said plurality of processors no more than one or more switches;

processing said digital television signals simultaneously at two or more of said plurality of processors; and

displaying television programming included in said digital television signals.

73. (Clerkially amended) The method of claim 72, wherein said control parameter includes a decryptor to decrypt at least some of said digital television signals, said method further comprising the step of controlling a digital switch to communicate said at least some of said digital television signals to or from said decryptor in accordance with said control information.

74. (Previously presented) The method of claim 73, wherein said evidence information is encrypted;

75. (Clerkially amended) The method of claim 73, wherein said evidence information is depicted in a message stream, said method further comprising the steps of:

selecting a decrypted portion of said at least some of said message stream at said at least one register memory; and

processing decrypted portions of said message stream simultaneously.

Application Serial No.: 08/649,097
Attorney Docket No.: PCTC-0813-048

Draft Proposed Amendment

76. (Previously presented) The method of claim 72, wherein a standard identifier is signal to be processed, said method further comprising the step of identifying a part of one or more of (1) said digital television signals and (2) said audience information based on said standard.

77. (Previously presented) The method of claim 76, further comprising the step of programming said television receiver to store the contents of a first part of said at least one register memory to a second part of said at least one register memory, and storing said standard at said at least one register memory.

78. (Previously presented) The method of claim 76, wherein said receiver identifies, based on said standard, one of a start and an end of a message.

79. (Previously presented) The method of claim 72, further comprising the step of causing said control processor to process an interrupt signal based on said audience information.

80. (Previously presented) The method of claim 86, wherein said television receiver includes a video monitor and information included in said message stream controls a first of said plurality of processors to generate video to be displayed as part of said television programming, said method further comprising the step of commanding to said first processor a first instruction which causes said first processor to communicate said video to said video monitor.

81. (Previously presented) The method of claim 80, wherein said television receiver includes a speaker and information included in said message stream controls a second of said plurality of processors to generate an audio signal including audio to be emitted as part of said television.

Application Serial No.: 09/449,097
Attorney Docket No.: PMC-000-C48

Draft Proposed Amendments

prosecution, said method further comprising the step of communicating to said second processor a second instruction which causes said second processor to communicate said audio signal to said speaker.

82. (Previously presented) The method of claim 80, wherein said first of said plurality of predecessors generates said ticket in accordance with information included in said message stream, said method further comprising the step of communicating at least some of said message stream to said plurality of predecessors.

83. (Previously presented) The method of claim 81, wherein at least some of said digitized television signals are included in said message stream.

84. (Previously presented) The method of claim 83, wherein said storage criterion includes first processor code which controls said plurality of processors to generate information content of a signal or vector signal, said control further comprising the steps of:

Reporting by valid content processor second processor code detected in valid message structure

crosscorrelations and first precessor code is asynchronous with odd second precessor code.

Ms. (Previously presented) The result of this is, where a child sees a word, different word recognition processes are activated to select or respond to that word information.

²⁶ (Previously answered) The method of claim 32, further comprising the step of:

Application Serial No.: 08/448,927
Attorney Docket No.: PAMC-003-C48

Draft Proposed Amendment

receiving said information transmission at a signal generator, operatively connected to said transmitter;

generating first audience information which is effective at said receiver, ~~so as to execute a~~ predetermined instruction and at least one message element including one or more instructions to be directed to a specific one of said plurality of processors; and

embedding said audience information and said at least one message element in said information transmission before transmitting said information transmission to said transmitter.

87. (Currently amended) The method of claim 86, wherein said specific processor includes at least one register memory, said method further comprising the steps of: commanding to said signal generator second audience information which operates at said at least one register memory to select or identify said control information;

88. (Previously presented) The method of claim 87, further comprising the steps of: generating a first instruction specifying a control function to be executed; generating a second instruction specifying a data structure, length, or format; organizing said first and second instructions in a sequence; said sequence comprising a command; and embedding said command in said message stream.

89. (Previously presented) The method of claim 88, further comprising the steps of: processing data specifying a condition which must exist at said receiver; and including said data specifying a condition in said command.

Application Serial No.: 08/949,087
Attorney Docket No.: PMS-003-CAS

Draft Proposed Amendment

90 to 95. (Cancelled)

96. (Previously presented) The method of claim 57, further comprising the steps of:
selecting television programming;
selecting meter monitor data; and
comprising said selected television programming and said selected meter monitor data in said message packet.

97. (Previously presented) The method of claim 57, wherein information included in said message enables said receiver, or apparatus operatively connected to said receiver, to select said selected digital television or digital video signals, said method further comprising the step of transmitting said digital television or digital video signals.

28 to 195. (Cancelled)

106. (Previously presented) A method of processing signals of a receiver station, said receiver station having a plurality of processors, said method comprising the steps of:
receiving a broadcast or cablecast information transmission including at least one of a digital video and a digital audio signal;
detecting a message stream in said broadcast or cablecast information transmission;
selecting a message communicated in said detected message stream;
inputting at least a portion of said selected message to a content processor;
complementing a predetermined action in a flag memory;
outputting selected portions of said message to said plurality of processors.

Application Serial No.: 08/445,057
Attorney Docket No.: PNC-0013-048

Draft Proposed Amendment

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selecting a joint venture firm, and probably of processors to determine on the basis of control information included in said message;

controlling a processor identifier to said selected processor; and

controlling apparatus presenting radio programming based on the content of said flag memory.

1977. (Commonly numbered) A method of processing signals at a carrier frequency, said method comprising the steps of:

for receiving a broadcast or satellite information transmission at a reception station.

60) generating a message that is effective to enable said receiver station to control selected portions of said message in said plurality of procedures, to process said selected portions simultaneously, to select a processor from said plurality of procedures to interrupt on the basis of control information included in said message(s), at least one of commanding and responding to determine(s) a procedure interrupt on the basis of the content of a flag memory, to controlling by said selected processor and to using apparatus preventing main programming based on said processor; interrupt the content of a flag memory; and

108 (Currently recorded) A method of processing signals in a network, said method comprising the steps of:

- (a) receiving a broadcast or cablecast information transmission;
- (b) receiving an instant signal which identifies itself and

Application Serial No. 06/948,097
 Attorney Docket No. PMS-003-098

Draft Proprietary Amendment

(b) effective affecting a transmitter station to generate a first message of a message, whereby that is effective to enable a remote receiver station to: (1) intercept selected portions of said message directed to a plurality of processors, (2) process said selected portions simultaneously, (3) select a processor from a said plurality of processors to intercept on the basis of content information included in said first message, (4) at least one of content-based and content to a processor interrupt on the basis of the content of a flag memory, and (5) control apparatus preventing media programming based on said processor interrupt; and

(b) effecting a receiver station to generate a second message that is effective to enable a remote receiver station to: (1) select a processor from a plurality of processors to intercept the basis of content information included in said second message, (2) at least one of content-based and content to a processor interrupt on the basis of the content of a flag memory, and (3) control apparatus preventing media programming;

(c) receiving a transmitter control signal which operates at said transmitter station by content-based or content to a processor signal and said first message to a transmitter; and

(d) intercepting said information transmission, said transmitter control signal, and said content-based or content to a processor signal and said first message.

109. (Previously presented) A method of processing signals to a television receiver, said television receiver having a plurality of processors, said method comprising the steps of:
 receiving an information transmission including a digital television signal and a message stream;

decoding said message stream in said information transmission;
 selecting at least one message of said decoded message stream;
 bypassing at least a first portion of said selected to least one message by a control processor;

Application Serial No. 08/948,027
Attorney Docket No. PNAQ-003-Q48

Draft Proposed Amendment

selecting control information to said inputted first portion of said selected at least one message and concatenating said selected control information to a plurality of dedicated register memories;

combining a digital switch on the basis of a plurality of compressions of said memories, outputting selected other portions of said message stream to said plurality of processors; proceeding said selected other portions of said message stream simultaneously; and controlling the reception or presentation of television programming in accordance with said selected other portions.

110. (Previously presented) The method of claim 109, further comprising the step of programming said control processor to execute a controlled function in response to an insertion instruction included in said at least one message.

111. (Previously presented) The method of claim 110, further comprising the step of programming said control processor by control information stored in some or all of a first of said plurality of dedicated register memories with control function invoking information.

112. (Previously presented) The method of claim 111, further comprising the step of programming said control processor by control information stored in some or all of a second of said plurality of dedicated register memories with information that identifies the portion of said at least one message.

113. (Previously presented) The method of claim 109, wherein said plurality of dedicated memories includes an input digital register memory and said step of selecting control

Application Serial No.: 08/045,097
Attorney Docket No.: PMG-003-048

Draft Proposed Amendment

information in said reported first portion of said selected at least one message and communicating said selected control information to a plurality of dedicated register memories comprising:

communicating, with at least a first portion of said selected at least one message to said report signal register memory;

selecting information to said input signal memory to compare or monitorize; and

communicating said control information to a second of said plurality of dedicated register memories.

113. (Previously amended) The method of claim 109, further comprising the step of communicating at least one of said other portions of said message wherein to said input signal register memory included in said plurality of dedicated register memories.

114. (Formerly amended) The method of claim 113, further comprising the step of communicating with at least one of said other portions of said message wherein from said report signal register memory to at least one of said digital switch and a second one of said plurality of processors.

116. (Previously amended) The method of claim 109, wherein said control processor receives said at least a first portion of said message from a first of said plurality of processors, said method further comprising the step of controlling said digital switch to communicate one or more other portions of said message wherein to a second one of said plurality of processors.

117. (Cancelled)

Application Serial No.: 08/486,097
Attorney Docket No.: PNC-033-048

Draft Proposed Amendment

118. (Previously amended) The method of claim 109, wherein said content processor, further:
a decryption to decrypt at least some of said at least one message, said method further comprising the step of controlling said digital switch to communicate said at least some of said at least one message to or from said decryption.

119. (Currently amended) The method of claim 118, further comprising the step of:
storing a decrypted portion of said at least some of said at least one message at one of said plurality of dedicated register memories; and
processing decrypted portions of said message stored simultaneously.

120. (Previously presented) The method of claim 109, wherein a standard identifies a signal to be processed, said method further comprising the step of identifying the part of said selected at least one message based on said standard.

121. (Previously presented) The method of claim 120, further comprising the step of:
programmable said television receiver to compare the numbers of at least a first of said plurality of dedicated register memories to a record of said plurality of dedicated register memories; and
storing said selection at at least one of said plurality of dedicated register memories.

122. (Currently amended) The method of claim 120, wherein said receiver identifies, based on said standard, at least one of (1) an end of a prior message and (2) a header in said selected at least one message.

Application Serial No. 08/443,027
Attorney Docket No. FMC-002 C48

Draft Proposed Amendment

122. (Previously presented). The method of claim 120, further comprising the step of causing said encoded processor to generate an interrupt signal based on said identified signal to be processed.

124. (Previously numbered) The method of claim 108, wherein said television receiver includes a video monitor and information included in said message circuit controls a field of said plurality of pixels so as to generate a video signal to be displayed as part of said television programming, said method further comprising the step of causing at least one of said plurality of processors to receive a digital switch to communicate to said first processor a first signal which causes said first processor to regenerate said video signal to said video monitor.

125. (Currently numbered) The method of claim 124, wherein said television receiver includes a speaker and information included in said message stream controls a record of said plurality of processors to generate a digital signal indicating audio to be emitted as part of said television programming, said method further comprising the step of causing at least one of said content processor and said digital switch to communicate to said second processor a selected signal which causes said second processor to communicate said audio signal to said speaker.

126. (Previously presented) The method of claim 124, wherein said list of said plurality of transmission generator said video signal in accordance with at least one of said selected other parties of said message stream, said method further comprising the step of controlling said digital switch to communicate said at least one of said selected other parties of said message stream to said list of said plurality of transmitters.

Application Serial No.: 08/448,097
Attorney Docket No.: PNC-018-C48

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327 (Continued) The method of claim 309, wherein said at least one of said other portions of said message stream includes first processor code addressed to a processor that generates interpretation content of a video or audio signal, said method further comprising the steps of: (b) transmitting to said control processor second processor code received in said selected at least one message; and

comportment, in accordance with said second processor code, said at least one of said other portions of said message wherein in said processor that generates said transmission code and

128. (Previously presented) The method of claim 127, wherein said second processor node negotiates said control processor to select control information to add message header and concatenates said selected control information to said plurality of dedicated register memory, said method further comprising the step of processing control information of a new composition and its length in accordance with said second processor code.

179. (Currently amended) A method of video signal processing at a video receiver, said video receiver having a plurality of processors, said method comprising the steps of:

receiving an information transmission including a digital video signal and a message stream;

detecting said message stream in said information transmission;

selecting at least one message of said message stream;

imparting at least a portion of said selected at least one message to a control processor;

selecting control information in said imparted portion of said selected at least one message;

and coordinating said selected control information to at least one dedicated register memory;

controlling a digital switch on the basis of a plurality of characteristics of said at least one dedicated register memory;

Application Serial No.: US/449,097
Attorney Docket No.: PMC-003.C.46

Draft Proposed Amendment

outputting selected portions of said message wherein to said plurality of processors, processing said selected portions of said message wherein simultaneously; and controlling the reception or presentation of video in accordance with each at least one

131. (Previously presented) The method of claim 129, wherein said information transmission is processed using known error correction techniques.

131. (Currently worded) A method for an origination station to information transmission station to control television or video signal processing at a television or video receiver, said television or video receiver having a plurality of processors, said method comprising the steps of transmitting an information transmission, said information transmission including a message address;

633 receiving a control signal which operates to a transmitter station to communicate with
information transmission to a receiver, and

(3) monitoring said message stream, said message stream to effect said recipient selecting to select a portion of at least one message from said message stream and control the reception or presentation of television programming or video information in accordance with said at least one message by selecting and monitoring portions of said information transmission to said plurality of receivers based on control information in said at least one message and proceeding said portions of said information transmission simultaneously in said plurality of receivers.

Application Serial No.: 08/446,097
Attorney Docket No.: PMC-013-048

Draft Proposed Amendment

112. (Corrected and amended) The method of claim 131, wherein said step of receiving an information transmission is at a signal generator operatively connected to said transmitter, and further comprising the steps of:

generating first codence information which is effective at said receiver station to execute a predetermined instruction and at least one message element including one or more instructions to be directed to a specific at least one of said plurality of processors, and

embedding said evidence information and said at least one message element in said information transmission before communicating said information transmission to said transmitter.

133. A memory card according to claim 132, wherein said specific programme includes a plurality of dedicated register memories, said memory further comprising the step of:

portion belonging to said signal generator second electrode polarization which operates at said a plurality of dedicated register memories by selecting said portion of at least one message.

134. (Currently unnumbered) A method for an origination station or intermediate transmission station in encoded processing of signals in a television or video receiver, said television or video receiver having a plurality of receivers, said method comprising the steps of:

(1) receiving an information transmission, including a message from; and

(2) causing a portion of said message stream to be communicated to a receiver of a specific type, whereby to restrict said portion of said message stream, said portion of said message stream to effect said receiver station to control the recipient or presentation of such television programming or video telephone in accordance with said message portion by selecting and controlling portions of said information transmission to said plurality of receivers based on portions information in said.

Application Serial No. 054443,097
Attorney Docket No. PMS-002 C-8

Draft Proposed Amendment

portion of said message stream and processing said portions of said information designation simultaneously in said plurality of processors.

133. (Crossed)